

ABSTRACT OF THE DISCLOSURE

Methods for performing time-domain equalization of an information signal represented by an optical signal are provided. A representative method includes: receiving the optical signal; optically splitting the optical signal into beams; optically
5 delaying at least one of the beams; detecting a plurality of the beams to generate respective electrical signal components; and combining a plurality of the electrical signal components to generate an electrical output signal representing the information signal. Systems and other methods also are provided.